

1. Record Nr.	UNINA9910706249303321
Autore	Przekop Adam
Titolo	Finite element analysis and test results comparison for the hybrid wing body center section test article // Adam Przekop [and three others]
Pubbl/distr/stampa	Hampton, Virginia : , : National Aeronautics and Space Administration, Langley Research Center, , April 2016
Descrizione fisica	1 online resource (viii, 106 pages) : color illustrations
Collana	NASA/TM ; ; 2016-218973
Soggetti	Critical loading Finite element method Strain measurement Structural stability Wings
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"April 2016." "Performing organization: NASA Langley Research Center"--Report documentation page.
Nota di bibliografia	Includes bibliographical references (pages 104-105).

2. Record Nr.	UNINA9910704576503321
Autore	Adams Michael J (Michael John), <1968->
Titolo	Population estimates for the Toiyabe population of the Columbia spotted frog (<i>Rana luteiventris</i>), 2004-10 // by Michael J. Adams, Chad Mellison, and Stephanie K. Galvan ; prepared in cooperation with the U. S. Fish and Wildlife Service (Region 8) and the Nevada Natural Heritage Program
Pubbl/distr/stampa	Reston, Virginia : , : U.S. Department of the Interior, U.S. Geological Survey, , 2013
Descrizione fisica	1 online resource (iv, 30 pages) : illustrations, color maps
Collana	Open-file report ; ; 2013-1036
Soggetti	Columbia spotted frog - Nevada Amphibian populations - Nevada
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed May 22, 2013).
Nota di bibliografia	Includes bibliographical references (page 4).

3. Record Nr.	UNINA9910166645603321
Autore	Christopher Cullis
Titolo	Recent Advances of Epigenetics in Crop Biotechnology
Pubbl/distr/stampa	Frontiers Media SA, 2016
Descrizione fisica	1 online resource (189 p.)
Collana	Frontiers Research Topics
Soggetti	Botany & plant sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Epigenetics is a new field that explains gene expression at the chromatin structure and organization level. Three principal epigenetic mechanisms are known and hundreds of combinations among them can develop different phenotypic characteristics. DNA methylation, histone modifications and small RNAs have been identified, and their functions are being studied in order to understand the mechanisms of interaction and regulation among the different biological processes in plants. Although, fundamental epigenetic mechanisms in crop plants are beginning to be elucidated, the comprehension of the different epigenetic mechanisms, by which plant gene regulation and phenotype are modified, is a major topic to develop in the near future in order to increase crop productivity. Thus, the importance of epigenetics in improving crop productivity is undoubtedly growing. Current research on epigenetics suggest that DNA methylation, histone modifications and small RNAs are involved in almost every aspect of plant life including agronomically important traits such as flowering time, fruit development, responses to environmental factors, defense response and plant growth. The aim of this Research Topic is to explore the recent advances concerning the role of epigenetics in crop biotechnology, as well as to enhance and promote interactions among high quality researchers from different disciplines such as genetics, cell biology, pathology, microbiology, and evolutionary biology in order to join forces and decipher the epigenetic mechanisms in crop</p>

productivity.
